

WELL COMPLETION OR RE-COMPLETION REPORT

Instructions: Within thirty days following the completion or re-completion of any well, the owner or operator shall submit this form in duplicate for wells on patented or Federal lands, and in triplicate for wells on State lands. Geological information will be held confidential for a period of twelve months if requested in writing. If multiple completion, submit separate report for each completion.

DESIGNATE TYPE OF COMPLETION

New Well ☒ Work-Over ☐ Deepen ☐ Plug Back ☐ Same Reservoir ☐
Different Reservoir ☐ Oil ☐ Gas ☐ Unsuccessful ☐

DESCRIPTION OF WELL AND LEASE

Operator

Pan American Petroleum Corporation

Address

P. O. Box 1031, Kimball, Nebraska

Well No.

16

Lease Name

P. C. Oatgran

Field and Reservoir (If wildcat, so state)

Vowers

Location

C SE NW

Sec. 34

Twp. 17N

Range 54W

County

Banner

Footage Location

1970

feet from (N) line,

1990

feet from (W) line, of

NW

1/4

Spud Date

7-9-62

Date reached T.D.

7-16-62

Date Completed

8-24-62

Elevation

4673.5

Reference (indicate)

(KB), (GL), (DF)

Total Depth

5900

P.B.T.D.

5866

Single or multiple completion

Single

Was well directionally drilled?

No

Producing interval(s) for this completion

5696 - 5700

Type of logs run in well

E Log

Rotary tools used (interval)

0 - 5900

Cable tools used (interval)

Principal Contractor

Brinkerhoff Drilling Co.

CASING RECORD

Report all strings set—surface, intermediate, production, etc.

| Purpose of String | Size hole drilled | Size casing set (in. O.D.) | Weight lbs./ft. | Setting Depth | Sacks Cement |
|-------------------|-------------------|----------------------------|-----------------|---------------|--------------|
| Surface | 12-3/4" | 8-5/8" | 24 | 302 | 200 |
| Production | 7-7/8" | 5-1/2" | 15.5 | 5895 | 150 |
| | | | | | |
| | | | | | |

LINER RECORD

PERFORATION RECORD

| Top, ft. | Bottom, ft. | Sacks Cement | Shots per Ft. | Size & Type | Depth Interval |
|---------------|---------------|---------------|---------------|-------------|----------------|
| | | | 4 | Jet | 5696 - 5700 |
| TUBING RECORD | | | | | |
| Size | Setting Depth | Packer set at | | | |

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

| Amount and Kind of Material Used | Depth Interval Treated |
|--|------------------------|
| Acid x 300 gal 15 PC Mud Acid x Disp x 50 BO at 6 BPM. Min PSI 2300, Max PSI 3400. Frac x est 4400# 10-20 sn x 5000 gal frac oil at 6 BPM. Min PSI 4700, Max PSI 5000. Pkr failed. | |

INITIAL PRODUCTION

| | | | | | |
|--|---------|---|--------------------------------|---------------|--|
| Date of first production | | Producing method (flowing, pumping, gas lift, etc.) | | | |
| 8-24-62 | | Pumping | | | |
| RATE OF PRODUCTION PER 24 HOURS | Oil | Gas | Water | Gas-oil ratio | |
| | 5 bbls. | 0 MCF | 7 bbls. | --- CFPB | |
| Disposition of gas (vented, used on lease or sold) | | | Oil Purchaser | | |
| Sold | | | Indiana Oil Purchasing Company | | |

I/We hereby swear or affirm that the statements herein made are complete and correct.

(If new well, complete well log on reverse side of form)

Signature

Area Foreman

Title

September 26, 1962

Date

WELL LOG

Show important formations penetrated, with tops. Detail all cores. Report all drill stem tests, giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, fluid recovery and flow rate if gas to surface during test. Attach copy of log.

Log T D Sn 5694, J Sn 5816'.

DST #1 - 5696 - 5701' ISI 30 min. Tool open 1-1/4 hrs. FSI 30 min. Very slight blow first 15 min. Reset tool x had weak blow for 10 min increased to fair blow to end of test. Rec 1260' drl mud, NS. IHP 3160#, FHP 2913#. IFP 44#, FIP 820#, ISIP 1095#, FSIP 1989#. Bottom packer failed.

DST #2 - 5839 - 5845' ISI 1/2 hr. Tool open 1-1/2 hr. FSI 1/2 hr. Fair blow throughout test. No gas to surface. Rec 505' slightly muddy water. ISIP 1189#, IFP 29#, FFP 235#, FSIP 1172#, IHP 3052#, FHP 3039#.